

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

CLAIMS

1. (Currently Amended) A reconnaissance system, comprising:

- [[A]] a projectile having an opening through which images of a target area can be acquired;
- [[A]] a portable launcher capable of being coupled to a rifle, for launching said projectile to fly along and above said target area;
- ~~Image~~ image acquiring means within the projectile for acquiring images of the target area through said opening;
- [[A]] a transmitter within the projectile for transmitting during its flight said acquired images to a remote station;
- ~~Means~~ means for stabilizing said projectile and/or said image acquiring means while flying in a ballistic trajectory above the target area; and
- [[A]] a remote station, which comprises a receiver for receiving the said images transmitted from the projectile, and a monitor comprising a display for displaying the received images.

2. (Currently Amended) [[A]] The system according to claim 1, wherein said stabilizing means are vanes mounted on the rear side of said projectile.

3. (Currently Amended) [[A]] The system according to claim 1, wherein said stabilizing means are gyroscopic means that determines the orientation of said image acquiring means with respect to the projectile and the target area.
4. (Currently Amended) [[A]] The system according to claim 1, wherein the image acquiring means is chosen from among optical camera, infrared camera, CCD and CMOS.
5. (Currently Amended) [[A]] The system according to claim 1, wherein the projectile transmitter comprises an antenna printed on the outer surface of the projectile, thereby maintaining an aerodynamic outline of said projectile.
6. (Currently Amended) [[A]] The system according to claim 1, wherein the projectile is pushed by a cartridge containing a charge in quantity that corresponds to the ballistic properties of said projectile and the distance from the launching point to the target.
7. (Currently Amended) [[A]] The system according to claim 1, wherein the ~~rifle~~ launcher launches the projectile while being coupled to a rifle.
8. (Currently Amended) [[A]] The system according to claim 1, wherein the ~~rifle~~ launcher launches the projectile while being detached from a rifle and independent thereof.
9. (Currently Amended) [[A]] The system according to claim 1, wherein the remote station is a portable computing device.
10. (Currently Amended) [[A]] The system according to claim 9, wherein the computing device is selected from laptop computers, PDAs and Pocket PCs.

11. (Currently Amended) [[A]] The system according to claim 1, wherein the image acquiring means comprise two separate and distanced lenses whereby to generate three-dimensional images.
12. (Currently Amended) [[A]] The system according to claim 1, wherein the means for stabilizing the projectile comprise retractable fins.
13. (Currently Amended) [[A]] The system according to claim 1, wherein the transmitter transmits the images to one or more remote stations.
14. (Currently Amended) [[A]] The system according to claim 13, wherein the images are transmitted together with a selection code that enables their reception only by predetermined stations.
15. (Currently Amended) [[A]] The system according to ~~any one of claim~~[[s]] 1 to 14, comprising in addition to the image acquiring means – or instead of such image acquiring means – one or more sensor(s) suitable to detect the presence or the absence of a sensible condition, and means for generating a signal representative of the sensed conditions and for transmitting a signal corresponding to them to a user's receiver.
16. (Currently Amended) [[A]] The system according to claim 15, wherein the sensed condition is the presence or absence of a chemical agent.
17. (Currently Amended) [[A]] The system according to claim 15, wherein the sensed condition is the presence or absence of a biological agent.
18. (Currently Amended) The System system according to claim 1, wherein the ~~rifle~~ launcher is a standard grenade launcher.

19. (Currently Amended) ~~The System~~ system according to claim 18, wherein the rifle is an M 16, and the ~~rifle~~ launcher is an M 203 grenade launcher.